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ADDITIONS TO THE MUSEUM.

MAMMALS.

GEORGE BASSETT. Red Bat (*Lasiurus borealis*).

OTTO BEHR. Skeleton of Red Fox (*Vulpes fulvus*), Sullivan County, Pa.

JAMES CHATWIN. Mounted Gray Fox ((*Urocyon cinereo-argenteus*).

BENJAMIN CHEW. Six heads of African Antelope.

MRS. U. P. CRUMB. Skull of Man-eating Tiger (*Felis tigris*), Tongoo, Burma.

H. H. FIRTH. Mounted Porcupine (*Erethizon dorsatum*).

E. M. FRYER. Whale vertebra, South Carolina.

DR. JOSEPH GRINNELL. Forty-two skins and skulls of California mammals.

J. W. HOLMAN. Red Squirrel (*Sciurus hudsonicus loquax*), Ocean County, N. J. (alcoholic).

DAVID MCCADDEN. Skulls of Sumatran Pig (*Sus vittatus*), Mexican Puma (*Felis oregonensis aztecus*), Mexican Lynx (*Lynx baileyi*), Wolf (*Canis mexicanus*) (2), Canada Lynx (*Lynx canadensis*) and (2) Black Bear (*Ursus americanus*).

STEPHEN MILSTEAD. Jumping Mouse (*Zapus hudsonius americanus*), Atlantic County, N. J.

MRS. T. R. OWEN. Mummified cat.

PURCHASED. Skeleton of Black Fish (*Globiocephalus* sp.), Cape May County, N. J.; skin and skull of Orang-utan (*Simia satyrus*); skin and skull of Gray Fox (*Urocyon cinereo-argenteus*), Bucks County, Pa.

J. A. G. REHN. Jumping Mouse (*Zapus hudsonius americanus*), Rhoads' Red-backed Mouse (*Evotomys gapperi rhoadsi*), and Deer Mouse (*Peromyscus leucopus*), Ocean County, N. J.

S. N. RHOADS. Two mice, Adirondacks, N. Y.

DR. R. W. SHUFELDT. Axis and atlas of Bear.

ZOOLOGICAL SOCIETY OF PHILADELPHIA. Mounted: Springbok (*Antidorcas euchore*).

Skins and skulls: Two Slender Loris (*Loris gracilis*); Clouded Leopard (*Felis nebulosa*); Serval (*Felis serval*); Eyra Cat (*Felis eyra*); Pine Marten (*Mustela martes*); Bandicoot (*Peragale* sp.) [some to be mounted].

Skins and skeletons: Long-armed Baboon (*Papio langheldi*); Indian Elephant "Bolivar" (*Elephas maximus*) [now being mounted]; East African Eland (*Taurotragus oryx livingstonei*) [to be mounted].

Skins: Six skunks, female and young (*Mephitis mesomelas*), from Oklahoma; Himalayan Tahr (*Hemitragus jemlaicus*); Robust Kangaroo (*Macropus robustus*).

Skull: Brazilian Tapir (*Tapirus terrestris*).

BIRDS.

CHARLES BECK. Purple Gallinule (*Ionornis martinica*) from New Jersey (mounted).

EXCHANGE (with H. K. Coale). Two California Black Rail (*Creciscus coturniculus*).

PURCHASED. Van der Pol Collection of East Indian Birds (1,150 specimens).

JOSEPH SAPP. European Starling (*Sturnus vulgaris*), Ocean County, N. J.

DR. R. W. SHUFELDT. Two bird crania.

R. R. TAFEL. Eggs of Arctic Birds.

MISS ANNA J. VALENTINE. Nest of Cassique (*Cassicus* sp.).

ZOOLOGICAL SOCIETY PHILADELPHIA. Skins of White-eyebrowed Guan (*Penelope superciliaris*).

Crested Guinea Fowl (*Guttera cristata*) and Parson Bird (*Prosthemadera novæzealandiæ*).

Skull and sternum of Guira Cuckoo (*Guira guira*).

REPTILES AND AMPHIBIANS.

O. H. BROWN. One Salamander, Cape May, N. J.

C. H. CONNER. House Snake (*Lampropeltis doliatus clericus*), Montgomery County, Pa.; Hog-nosed Snake (*Heterodon platyrhinus*).

H. W. FOWLER and B. W. GRIFFITH. Small collection of Amphibians from Cecil County, Md.

J. W. HOLMAN. Anderson's Tree Toad (*Hyla andersoni*), Ocean County, N. J. Red-bellied Snake (*Storeria occipitomaculata*), Ocean County, N. J.

C. J. HUNT. Several Amphibians and Terrapin (*Pseudemys*) from New Jersey.

J. P. MOORE. *Bufo fowleri*, Martha's Vineyard, Mass.

JOSEPH PARKER. Anderson's Tree Toad (*Hyla andersoni*), Ocean County, N. J.

PURCHASED. Twelve species of Lizards, Orlando, Fla.

S. N. RHOADS. Two Salamanders, Adirondacks, N. Y.

W. STONE. House Snake (*Lampropeltis doliatus*), Sullivan County, Pa.

E. G. VANATTA. Queen Snake (*Regina leberis*), Chester County, Pa.; two Frogs, Chester County, Pa.

FISHES.

C. C. ABBOTT. One Chub (*Semotilus bullaris*), New Jersey.

CHARLES ADAMS. Cush (*Lota maculosa*), Somerset County, Me.

CHARLES A. BASTIAN. Wall-eyed Pike (*Stizostedion vitreum*).

JAMES BOYCE. One Hake (*Merluccius bilinearis*) from Asbury Park.

W. G. CAROTHERS. Several Fishes, Cape May County, N. J.

DR. C. H. EIGENMANN. Small series of Cuban and South American Fishes.

J. B. FINE. Genitalia of Hermaphrodite Shad.

W. J. FOX. Puffer (*Lagocephalus lævigatus*); *Selene vomer* and Sea Cat (*Felicthys*), Cape May County, N. J.

H. W. FOWLER. Small collection of Fishes, Cape May County, N. J.; two climbing Perch (*Anabas scandens*); small collection of Fishes, Florence, N. J.; small collection of Fishes from Bucks County, Pa.

H. W. FOWLER and B. W. GRIFFITH. Small collection of Fishes from Cecil County, Md.; small collection of Fishes, Delaware County, Pa.

H. W. FOWLER and P. H. HERTZOG. Small collection of Fishes, Lancaster County, Pa.

H. W. FOWLER and C. J. HUNT. Several collections of Fishes from Cape May County, N. J.

H. W. FOWLER and T. D. KEIM. Collections of Fishes from Burlington County, N. J., and Newbold Island, Delaware River.

H. W. FOWLER and DAVID MCCADDEN. Collection of Fishes, Ocean City, N. J.

H. W. HAND. File-fish (*Alutera* sp.), Cape May, N. J.

JOSEPH HENDERSON. Gar (*Tylosurus marinus*).

MISS AGNES F. KENYON. Eel, Australia.

D. MCCADDEN. *Seriola zonata*, Ocean City, N. J.; Hake (*Merluccius bilineatus*), Cape May County, N. J.

R. F. MILLER. Collection of Fishes and Reptiles.

PENNSYLVANIA DEPARTMENT OF HEALTH. *Micropterus dolomieu*.

DR. R. J. PHILLIPS. Collection of Fishes, Cape May, N. J.

H. A. PILSBRY. Small collection of Fishes from North Carolina.

E. G. VANATTA. Trout, Chester County, Pa.

LIEUT. HUGH WILLOUGHBY. Barrel of Fishes, Florida.

INSECTS.

C. F. BAKER. One hundred and fifty-four Orthoptera, Brazil (purchased).

WILLIAM BEUTENMÜLLER. One Lepidoptera, Manitoba.

BROOKLYN INSTITUTE OF ARTS AND SCIENCES. Four Orthoptera, Venezuela (for determination).

P. P. CALVERT. Eighteen insects, Pennsylvania.

D. M. CASTLE. Two Coleoptera, Pennsylvania.

E. R. CHENEY. One Orthoptera, New Jersey.

CONNECTICUT AGRICULTURAL EXPERIMENT STATION. Seventeen Orthoptera, Connecticut.

E. T. CRESSON, JR. Thirty-four Diptera, United States.

U. P. CRUMB. One hundred and eighty-four Insects, Burma (purchased).

S. G. DIXON. One Orthoptera, Pennsylvania.

L. A. DUHRING. Six Orthoptera, Algeria.

H. T. FERNALD. Sixteen Hymenoptera, United States.

W. G. FREEDLEY, JR. Eight Lepidoptera, India.

F. D. GODMAN. Three thousand, five hundred and twenty-nine Coleoptera, Central America.

C. T. GREEN. Two hundred Diptera, British Guiana.

F. GRINNELL, JR. Ninety-six Orthoptera, California.

F. HAIMBACH. Four Heterocera, United States.

M. HEBARD and J. A. G. REHN. Sixty-six Insects, Arizona.

M. HEBARD. One hundred and eighty-eight Orthoptera, five Lepidoptera, Pennsylvania.

C. ILG. Twenty-five Blown Larvæ, Pennsylvania.

F. M. JONES. Two Heterocera, South Carolina.

H. H. LYMAN. Three Heterocera, Canada (exchange).

J. M. MACFARLAND. Three Heterocera, Alabama.

A. H. MANEE. Thirteen Insects, North Carolina (exchange).

J. H. MATTHEWS. Eleven Lepidoptera, Cuba; thirty-five, India (exchange).

J. A. G. REHN. One hundred and forty-four Orthoptera, New Jersey; seven hundred Orthoptera, Virginia and North Carolina (Academy Expedition).

H. SKINNER. Ninety Lepidoptera, United States.

H. SKINNER. Ten thousand Lepidoptera (purchased).

T. SPALDING. One hundred and twenty-nine Insects, Utah.

W. STONE. One hundred and ninety-six Orthoptera, Pennsylvania.

E. S. TITUS. One hundred and forty-seven Hymenoptera, United States (exchange).

M. TOMURA. Six Butterflies, Celebes.

J. F. TRISTAN. Seventeen Orthoptera, Costa Rica.

H. T. VAN OSTRAND. Twenty-five Lepidoptera, Mexico.

H. L. VIERECK. Three Hymenoptera, United States.

H. W. WENZEL. Eight Coleoptera, New Jersey.

G. B. WOOD. One Myriapod, Texas.

J. WOODGATE. One hundred and thirty-one Insects, New Mexico.

Total specimens, 16,200.

RECENT MOLLUSCA.

JACOB AEBLY. *Vallonia pulchella* Müll. from Philadelphia, Pa.

JOHN A. ALLEN. Thirty-one trays of shells from Maine and Ohio.

JOSHUA BAILY, JR. *Arion ater rufa* L. from Neuen Ahr, Germany.

DR. CHARLES BAUM. *Helix muralis* L. from Paestum, Italy.

BERNICE PAUAHI BISHOP MUSEUM. Fifteen species of *Helicina* from the Hawaiian Islands.

S. S. BERRY. Eleven trays of freshwater and land shells from California.

E. BETHEL. Seven trays of *Oreohelix* from Colorado.

DR. SAMUEL A. BINION. *Cypræa cervus* Lam. and *Liguus fasciatus* Müll. from Key Largo, Florida.

STEWARDSON BROWN. Fourteen trays of shells from Bermuda and British Columbia.

HORACE F. CARPENTER. *Polygyra apressa sculptior* Chadw. from Crystal Cave, Bermuda.

GEORGE H. CLAPP. Three species of land shells from Arizona and Jamaica.

T. D. A. COCKERELL. Nine species of shells from Jamaica.

CHARLES CONNER. *Sphærium striatinum* Lam., Jonestown, Pennsylvania.

PROF. W. H. DALL. *Gonidea angulata haroldiana* Dall, from near San José, California; also *Milax gagates* Drap. from Easter Island.

C. ABBOTT DAVIS. Two species of *Pleurodonte* from Jamaica.

DR. SAMUEL G. DIXON. *Polygyra albolabris* Say, from near Mt. Alto, Franklin County, Pennsylvania.

M. J. ELROD. Seven trays of land shells from Montana.

J. H. FERRISS. Four species of land shells from Arizona.

REV. W. H. FLUCK. Five species of shells from South Africa and Central America.

H. W. FOWLER and B. W. GRIFFITHS. Two trays of shells from Pennsylvania.

W. J. FOX. *Crepidula fornicata* L. from Sea Isle City, New Jersey.

W. J. GILCHRIST. *Micrarionta desertorum* P. and F. from near Parker, Arizona.

A. DACOSTA GOMEZ. *Ancillaria tankervillei* S. from Venezuela.

GEORGE M. GREENE. Four species of land and freshwater shells from New Jersey.

G. DALLAS HANNA. Eighteen species of shells from Lawrence, Kansas.

DR. J. W. HARSHBERGER. *Mya arenaria* L. from Long Branch, New Jersey.

MISS A. C. HARTSHORNE. Three species of Japanese land shells.

CHARLES HEDLEY. Thirty-four species of marine shells from Masthead Island, Queensland.

J. B. HENDERSON, JR. Twenty-three trays of land shells from Eastern United States and West Indies.

A. A. HINKLEY. Fifty trays of Mexican shells.

WILMER HINKLEY. *Planorbis trivolvis* Say, from Boisé, Idaho.

Y. HIRASE. Three hundred trays of Japanese shells.

P. C. JARVIS. Eight trays of Jamaican land shells.

N. W. LERMOND. Ten species of land shells from Maine.

D. N. MCCADDEN. *Polygyra albolabris maritima* Pils. from Ocean City, N. J.

CLARENCE B. MOORE. Sixty-seven trays of land and freshwater shells from Arkansas and Florida.

H. B. OAKLEY. Fifty-five species of shells from Barbadoes.

H. A. PILSBRY. One hundred and eighty-four trays of shells.

JOHN PONSONBY. Two land shells from Africa and Bermuda.

PURCHASED. Two hundred and forty-two trays of shells from the Lowe-Wollaston Collection and twelve hundred and eighty-eight trays of Philippine Island shells from the J. Quadras Collection.

J. A. G. REHN. *Venus mercenaria* L. from Tuckerton, New Jersey.

S. N. RHOADS. *Cochlicopa* from Hampshire, England.

S. RAYMOND ROBERTS. Four trays of shells from Massachusetts and Jamaica.

PAUL ROWLAND. *Cochlicopa lubrica* Müll. from near Sapporo, Yesso, Japan.

MRS. MARY T. SCHAEFFER. Two freshwater shells from British Columbia.

DR. R. F. SCHARFF. Seventeen jars of slugs from Ireland.

DR. B. SHARP. *Pleurodonte bornii* Pfr. and *Drymæus elongatus* Bolt. from San Juan, Porto Rico.

BURNETT SMITH. Fifteen species of land and freshwater shells from Skaneateles Lake, New York.

GEORGE W. SOELNER. *Vertigo pygmæa* Drap.

R. E. C. STEARNS. Three species of freshwater shells from California.

WITMER STONE. *Polygyra albolabris maritima* Pils. from Piermont, N. J.

D. THAANUM. Sixty-one trays of Hawaiian shells.

DR. HENRY TUCKER. *Ostrea virginica* L. from the Eastern Shore of Virginia.

E. G. VANATTA. Nine trays of shells from Maryland and Pennsylvania.

H. L. VIERECK. *Pyramidula perspectiva* Say, from near Harrisburg, Pennsylvania.

BRYANT WALKER. Twelve species of freshwater shells from Alabama and Michigan.

WALTER F. WEBB. Eight species of land shells from Tangulandang and Cuba.

DR. H. E. WETHERILL. One hundred and twelve species of shells from the Philippine Islands.

J. RENTON WHITE. Seven species of land shells from Paestum, Italy.

JOSEPH WILLCOX. Five species of land shells from New York.

HELEN WINCHESTER. Two species of land shells from Canadensis, Pennsylvania.

H. W. WINKLEY. *Cæcum johnsoni* W. from Woods Hole, Massachusetts.

Other Invertebrates.

Stewardson Brown. One tray of *Julus* from Bermuda.

W. B. Davis. One jar of surface towings, Woods Hole, Massachusetts.

E. Denholtz. One *Mygale heintzi*.

W. J. Fox. One sponge and sea cucumber from Cape May, New Jersey.

J. B. Henderson, Jr. One tray of *Cypris* from near Amarillo, Texas.

Mrs. A. Kenyon. Four jars of invertebrates from Australia.

H. B. Oakley. Seven trays of invertebrates from Barbadoes.

H. A. Pilsbry. Two jars of Crustacea from Florida and North Carolina.

S. N. Rhoads. One jar of *Cambarus* from Hamilton County, New York

B. Frank Teal. One king crab from Cedar Beach, New Jersey.

Dr. Henry Tucker. *Astrangia daniæ* Ag. from the Eastern Shore of Virginia.

U. S. Fish Commission. Seventeen jars of Barnacles.

E. G. Vanatta. One jar of *Pseudoscorpion* from near New Garden, Pennsylvania.

H. L. Viereck. *Gelasimus* from St. Augustine, Florida.

Dr. H. E. Wetherill. *Tetraclita porosa* Gmel. from the City of Panama, Panama.

Invertebrate Fossils.

Stewardson Brown. Eight fossils from Alberta.

C. P. Cardwell (through Dr. Henry Tucker). Several Miocene fossils from Virginia.

Dr. Samuel G. Dixon. One tray of fossil bivalves from York County, Pennsylvania.

Exchange. Twenty-four trays fossils from Missouri.

E. M. Fryer. Two fossils, South Carolina.

Morgan Hebard. Three trays of fossils from Florida and Michigan.

Estate of Angelo Heilprin. Several fossils.

Mr. Garrison. Two trays of fossils from Santo Domingo.

George Lucas. One fossil tree stump from Santiago, Cuba.

H. A. Pilsbry. *Rhynchonella concinna* from Wiltshire, England, and *Meekella occidentalis* Newb. from the Chiricahua Mountains, Arizona.

G. Roumain. One *Ostrea* from Haiti.

R. L. Shivers. One *Placenticeras placenta* Dek. from a well in Camden County, New Jersey.

Miss A. Stone. *Portlandia glacialis* Wood, from Drinkwater Point, Casco Bay, Maine.

W. W. Webster. Seven trays of fossils from Haiti.

Joseph Willcox. Sixty trays of fossils from Virginia.

Plants.

Academy Expeditions. Bermuda, Stewardson Brown collector, 800 specimens; Canadian Rockies, Stewardson Brown collector, 3,000 specimens.

Miss Margretta Atkinson. *Macrocalyx nyctelia*.

Charles C. Bachman. *Conioselinum chinense* and *Naumburgia thyrsiflora*.

EDWIN B. BARTRAM. Three hundred and sixty-three specimens from various places in the New England and Middle States.

BOTANICAL SECTION. Collection of one hundred and forty-three specimens of *Rubus*, *Amelanchier* and *Betula* purchased from William H. Blanchard.

MRS. WILLIAM HERBST. Dr. Herbst's collection of Fungi, numbering about 5,000 specimens.

BAYARD LONG. Seventy-nine specimens from Delaware.

PHILADELPHIA BOTANICAL CLUB. Twenty-five hundred specimens of local plants, received from various members.

E. G. VANATTA. Eleven specimens from Chestertown, Md.

S. S. VAN PELT. Forty-six specimens from Delaware.

C. S. WILLIAMSON. Two hundred and ninety-four specimens from Delaware.

FOSSIL PLANTS.

PURCHASED. Fossil stump, Santiago de Cuba.

MINERALS.

H. A. GREEN. Several minerals from Tryon, N. C.

ESTATE OF ANGELO HEILPRIN. Specimens of ores.

ESTATE OF SOPHIE F. RILEY. Collection of Transvaal minerals and set of Centennial medals.

WILLIAM S. VAUX COLLECTION. Twenty-nine specimens purchased.

ARCHÆOLOGY, ETHNOLOGY.

CLARENCE B. MOORE. Numerous specimens from Indian mounds of the Southern States for the Clarence B. Moore Collection.

MRS. W. P. DOUGLAS. Canadian Indian Canoe.